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FIG. 1

```
At5g10410      -----MEG--TGVVAVYNGAITEAK-KSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE 52
At2g38230      -----MAG--TGVVAVYGEAMTETKQKSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE 53
At3g16050      MADQAMTDQDQGAVTLYSGTAITDAKKNHPFSVKVGLAQVLRGGAIVEVSSVNQAKLAES 60
snz3           -----MS-----EFKVKTGLAQMLKGGVIMDVVTPAQAIIAER 33
snz2           -----MS-----EFKVKTGLAQMLKGGVIMDVVTPAQAIIAER 33
snz1           -----MTG-----EDFKIKSGLAQMLKGGVIMDVVTPAQAKIAEK 35
               *                               * . : * * * * : * * * . : * * : * *

At5g10410      AGACAVMALERV PADIRAQGGVARMSPQMIKEIKQAVTIPVMAKARIGHFVEAQILEAI 112
At2g38230      AGACAVMALERV PADIRAQGGVARMSPQMIKEIKNAVITIPVMAKARIGHFVEAQILEAI 113
At3g16050      AGACSVIVSD----PVRSRGGVRRMPDPVLIKEVKRAVSVPVMAARARVGHFVEAQILESL 116
snz3           AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL 93
snz2           AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL 93
snz1           SGACAVMALESIPADMRKSGKVCRMSDPKMIKDIMS SVSIPVMAKVRIGHFVEAQII EAL 95
               : * * * * : . : * * * * : * * * : * * * * : * * * * * : * * * * * :

At5g10410      GIDYIDSEVLT LADEDHHINKHNFRIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG 171
At2g38230      GVDYVDESEVLT LADEDNHINKHNFKIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG 172
At3g16050      AVDYIDSEIISVADDDHFINKHNFRSPFICGCRDTGEALRRIREGAAMIRIQGDLTATG 176
snz3           QVDYIDSEVLT PADWTHHIEKHNFVKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 152
snz2           QVDYIDSEVLT PADWTHHIEKHNFVKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 152
snz1           EVDYIDSEVLT PADWTHHIEKDKFVKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG 154
               : * * * * : * * : . : * * : * * * : * * * * : * * * * * : * * : * *

At5g10410      NII EAVRHVRSVNGDIRVLRN--MDDDEVFTFAKKLAAPYDLVMQTKQLGRLPVQVFAAG 229
At2g38230      NVVEAVRHVRSVNGAIRLLRS--MDDDEVFTYAKKIAAPYDLVVQTKELGRLPVQVFAAG 230
At3g16050      NIAETVKNVRS LMGEVRVLNN--MDDDEVFTFAKKISAPYDLVAQTKQMGRVPVQVFAAG 234
snz3           DVSEAVKHITKIKAEIQQYKENLKTESDFAAKATELRVPVDLLKTTLSEGKLPVVFNAAG 212
snz2           DVSEAVKHITKIKAEIQQYKENLKTESDFAAKATELRVPVDLLKTTLSEGKLPVVFNAAG 212
snz1           DVSEAVKHIRRITEEIKACQQ-LKSEDDIAKVAEEMRVPVSLLDVLEKGLPVVFNAAG 213
               : : * * * * : . : * * : . : . * : : . * : . : * * * * : * * *

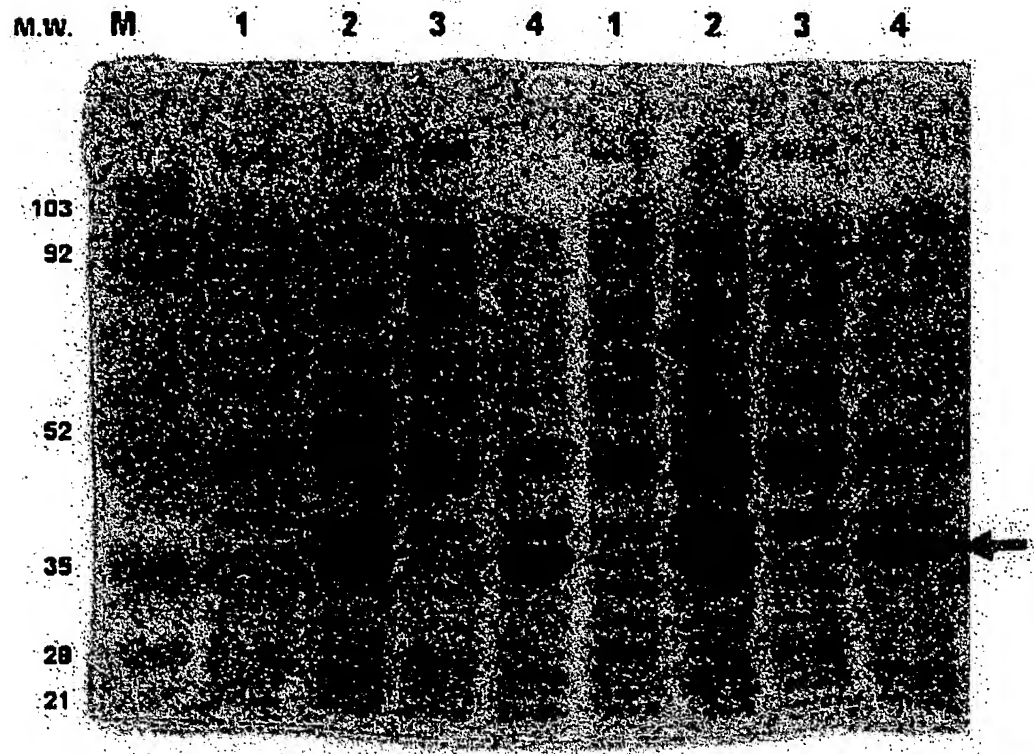
At5g10410      GVATPADAALMMQLGCDGVFVGS GIFKSGDPARRARAIVQAVTHYS DPEMLVEVSCGLGE 289
At2g38230      GVATPADAALMMQLGCDGVFVGS GVFKSGDPVKRAKAI VQAVTNRYDAAVLA EVSCGLGE 290
At3g16050      GITTPADAALMMQLGCDGVFVGS GVFDPDFKKLRSIVQAVQHYN DPHVLAEMSSGLEN 294
snz3           GVATPADAALLMQLGCEGVFVGS GIFKSSDPEKLACAIVEATTHYDNPAKLLQVSSDLGD 272
snz2           GVATPADAALLMQLGCEGVFVGS GIFKSSDPEKLACAIVEATTHYDNPAKLLQISSDLGD 272
snz1           GVATPADAALLMQLGCDGVFVGS GIFKSSNPVRLATAVVEATTHFDNPSKLLLEVSSDLGE 273
               * : * * * * : * * * * * * * * * * : * . : * : : * * : . : * : * * : * :

At5g10410      AMVGINLNDEKVERFANRSE----- 309
At2g38230      AMVGLNLDD-KVERFASRSE----- 309
At3g16050      AMESLNVRGDRIQDFGQGSV----- 314
snz3           LMGGISIQSINEAGGKN GARLSEIGW 298
snz2           LMGGISIQSINEAGGKN GARLSEIGW 298
snz1           LMGGVSI ESISHAS--NGVRLSEIGW 297
               * . : . : .
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FIG. 2



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FIG. 3A

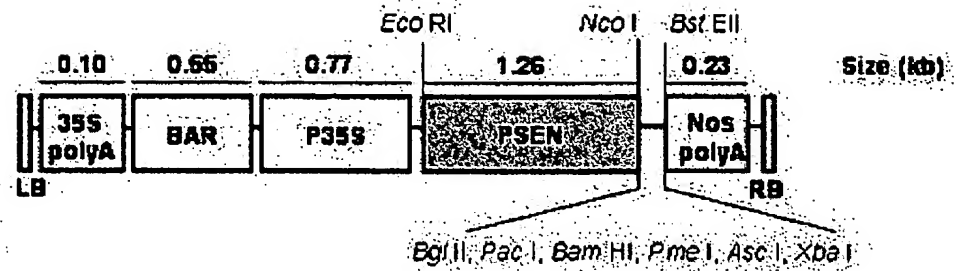
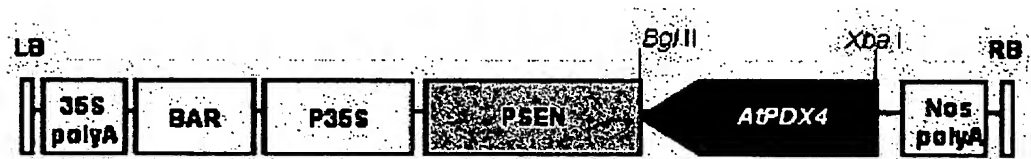
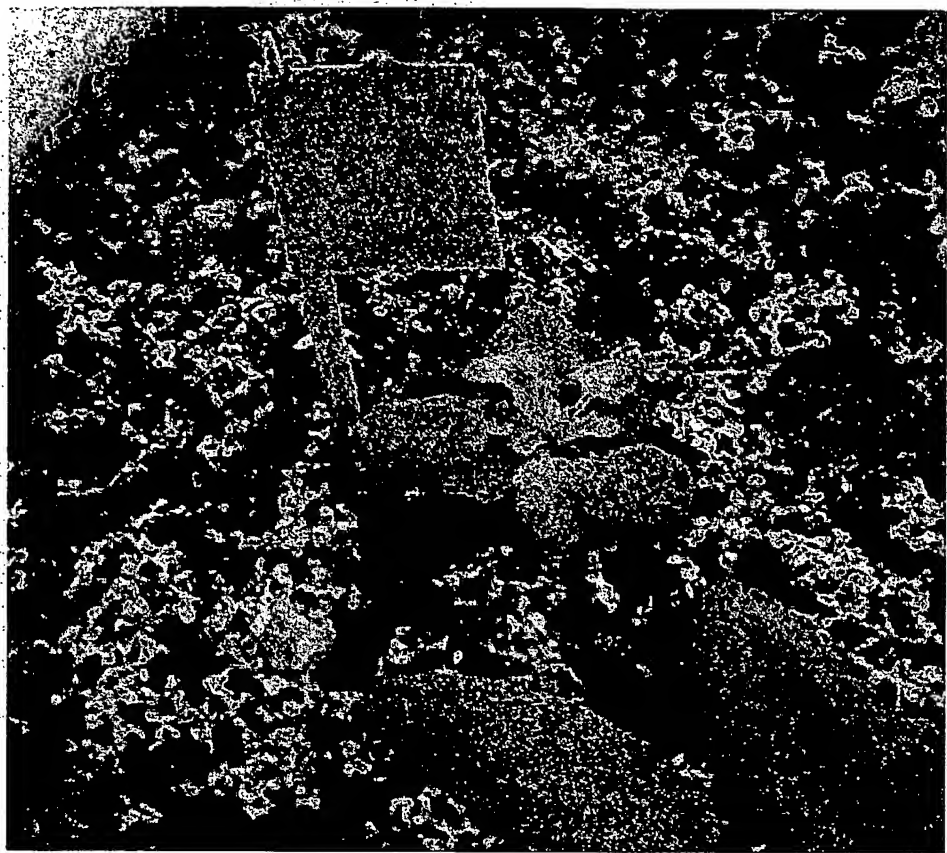


FIG. 3B



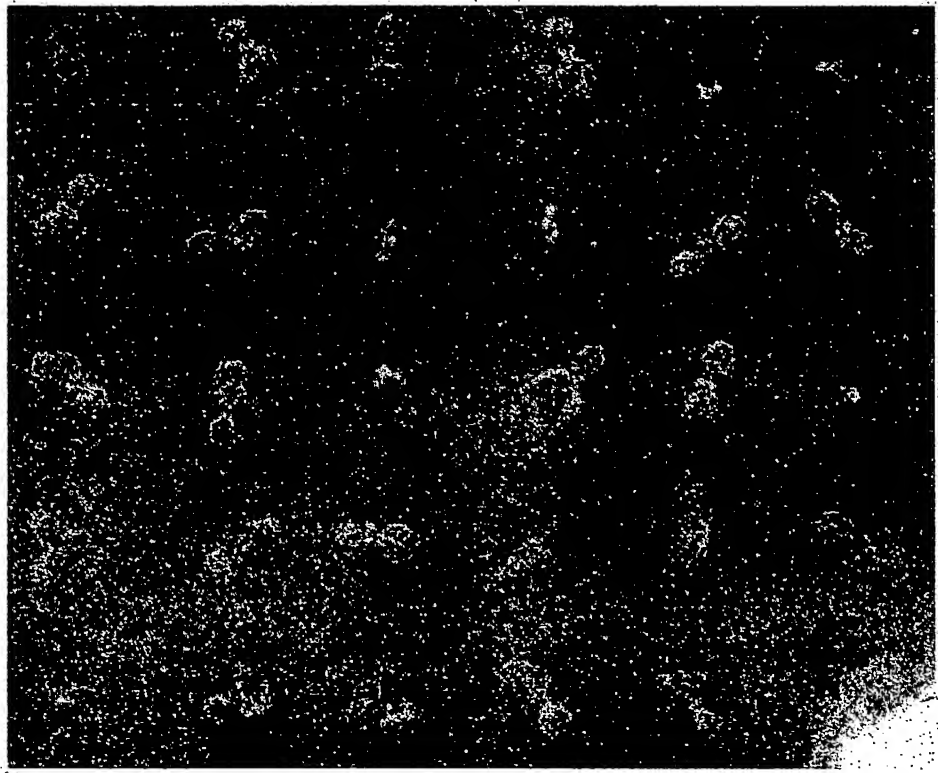
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FIG. 4



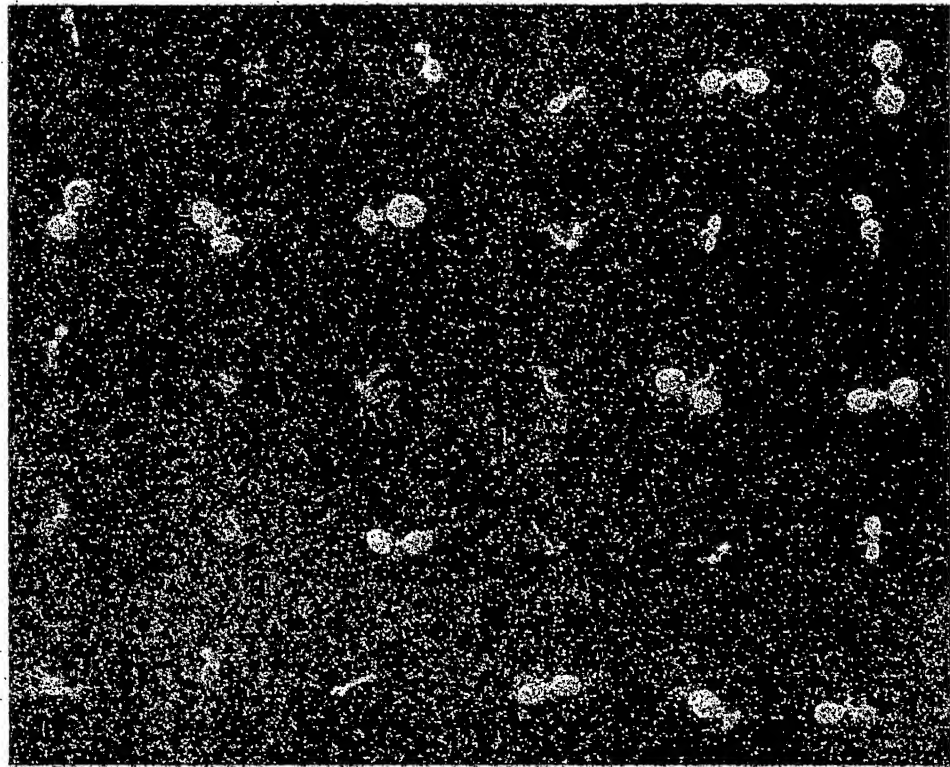
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FIG. 5A



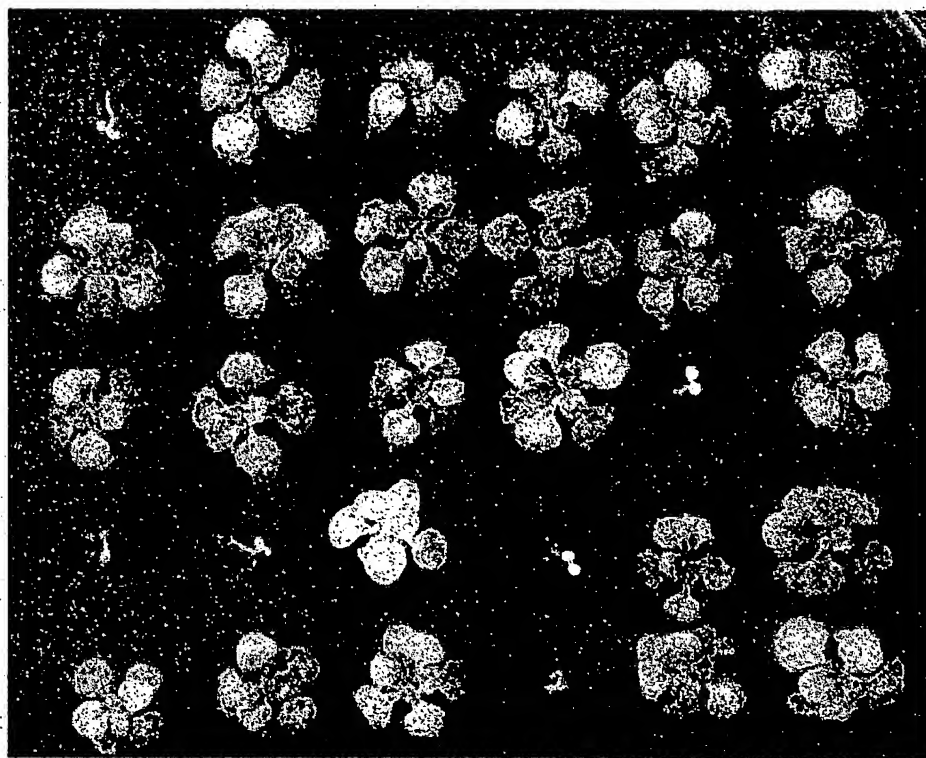
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FIG. 5B



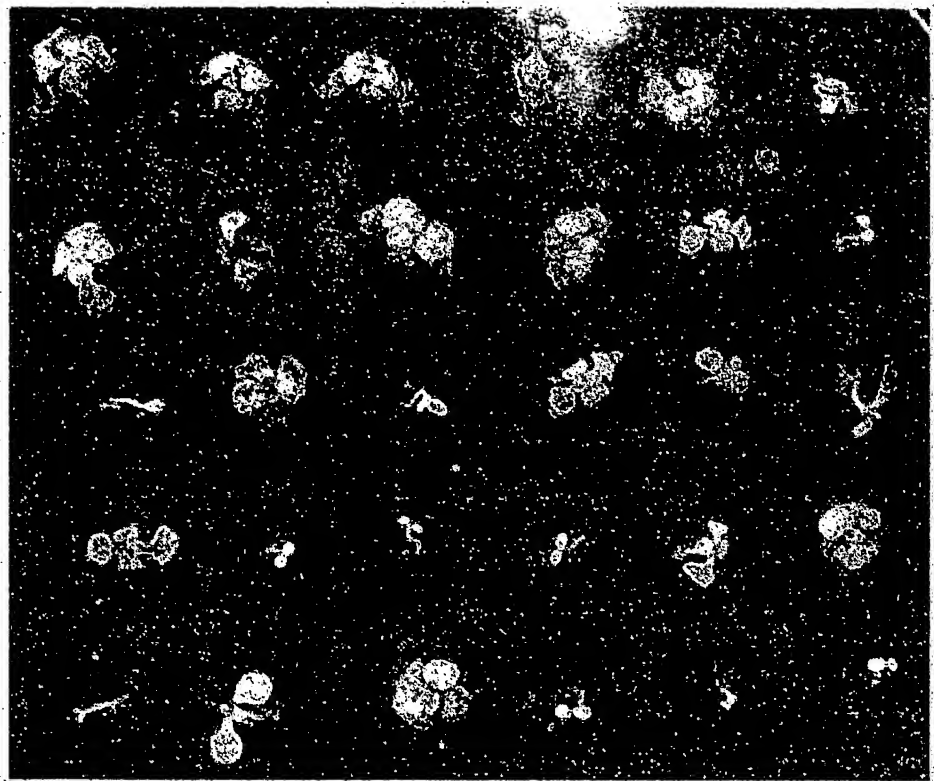
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FIG. 5C



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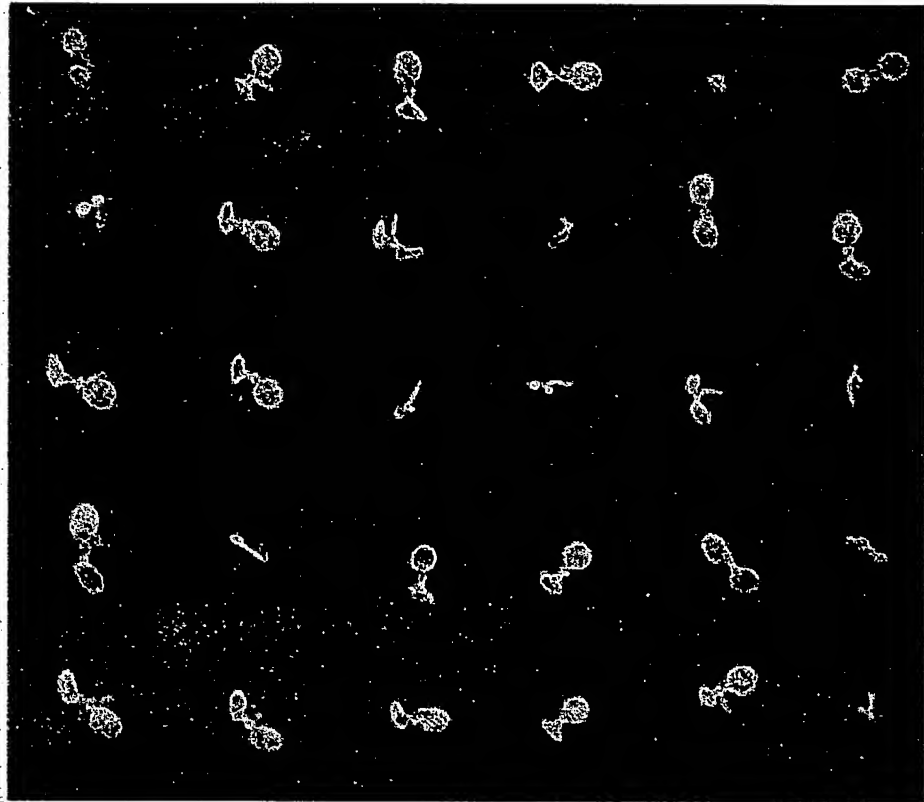
FIG. 5D





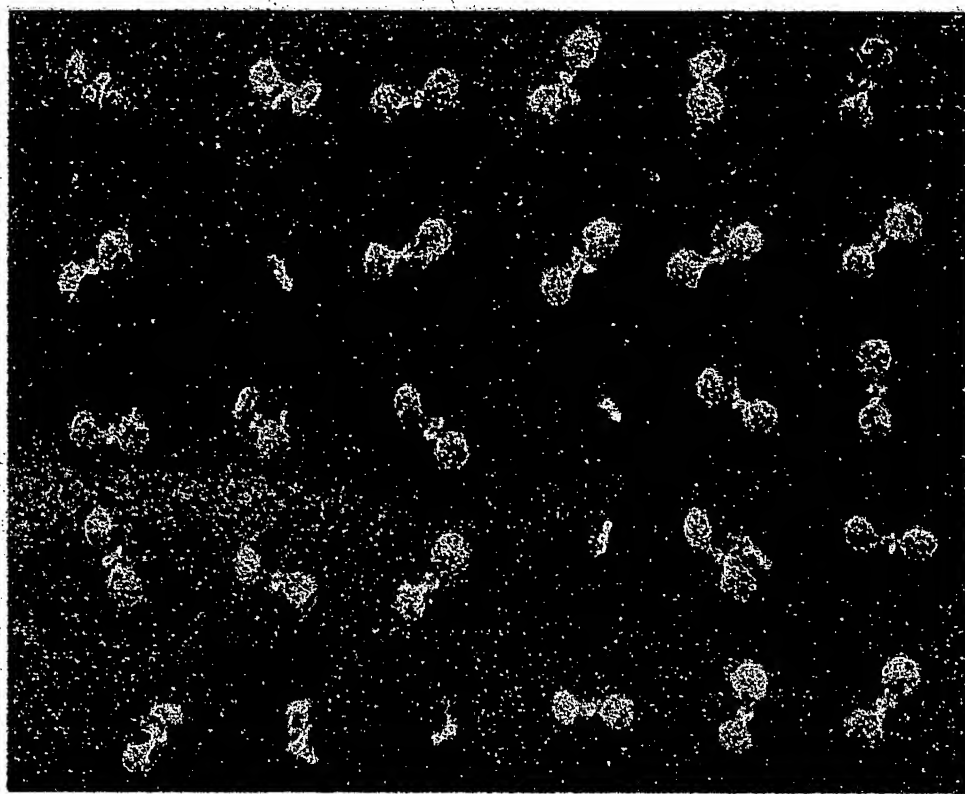
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FIG. 6A



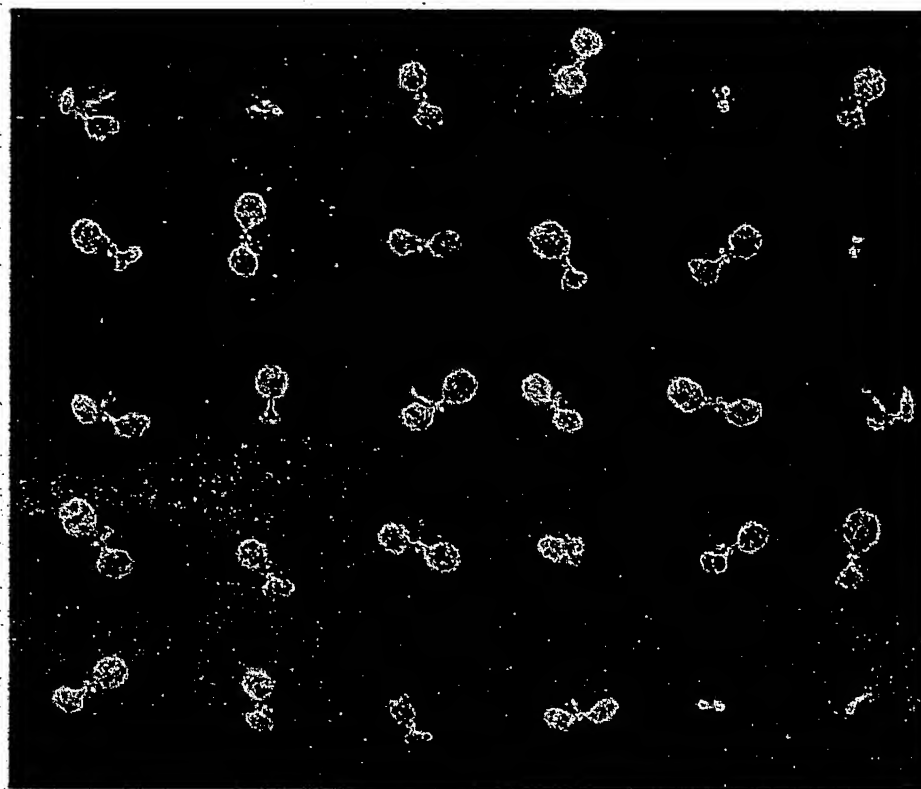
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FIG. 6B



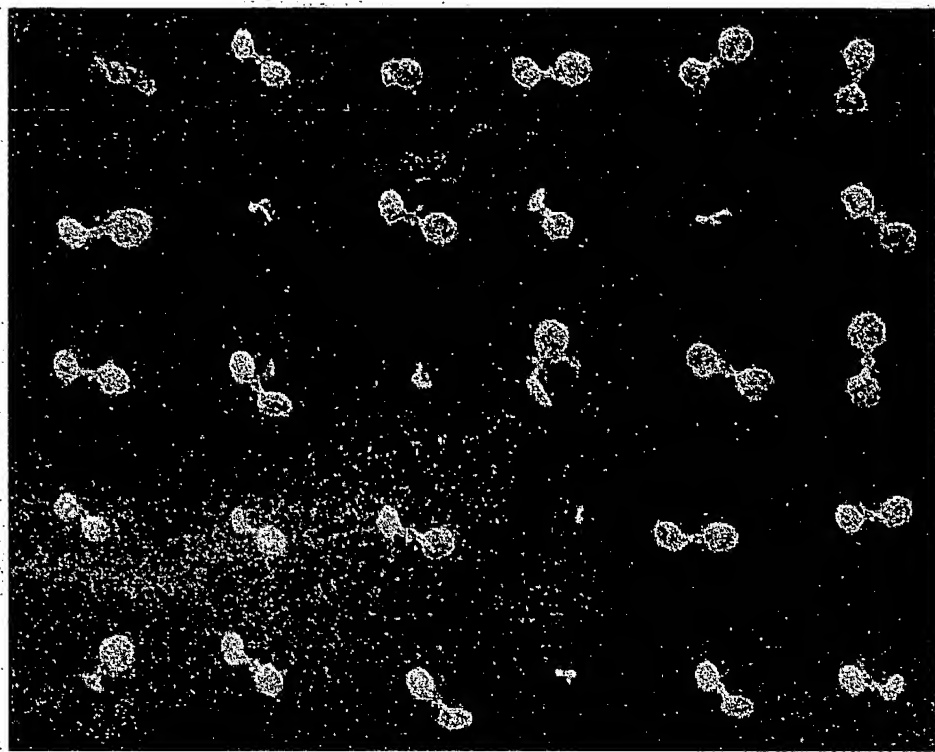
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FIG. 6C



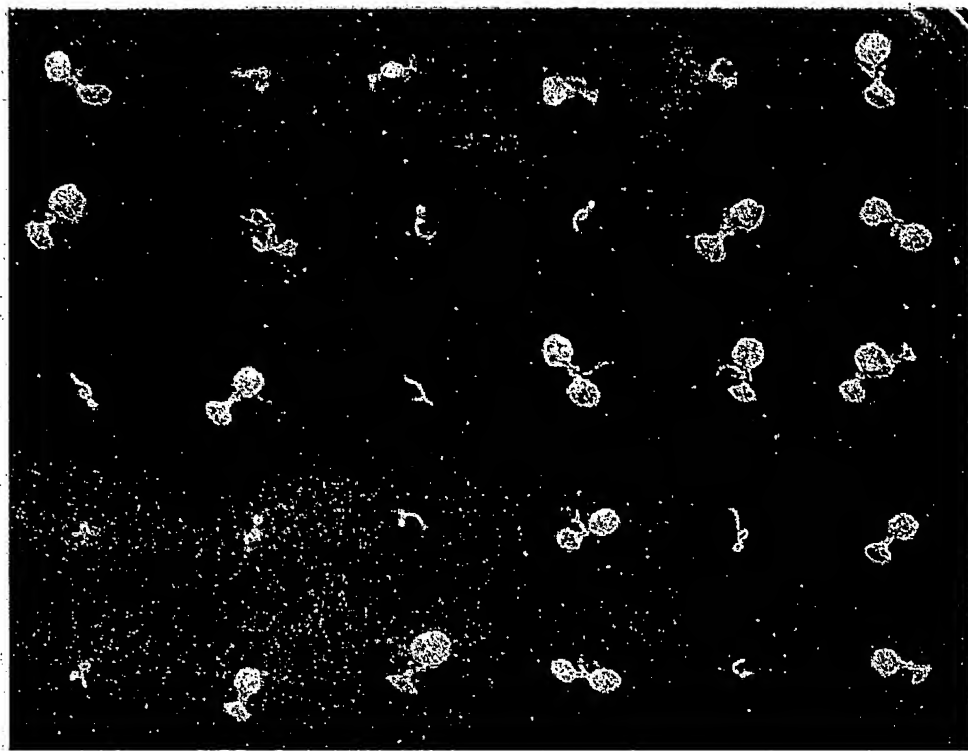
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FIG. 6D



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FIG. 6E



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